

REPLACEMENT CLAIMS

Please replace claim 19 with the following:

19. A method of fabricating a three-dimensional periodic structure comprising the steps of:

DI forming layers with at least two kinds of materials sequentially and periodically on a substrate having
5 two-dimensionally periodically recessed or projecting portions; and
employing sputter etching either separately from film deposition or simultaneously with film deposition, at least in a part of said structure, while keeping a pattern of the recessed or projecting portions.
